



**PUBLIC PROTECTION CABINET**

**Department of Housing, Buildings and Construction**

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The Division of Plumbing is happy to announce the following amendments to the Kentucky State Plumbing Code have been approved by LRC and are effective immediately.

**815 KAR 20:020**

**(63) PHIX Cartridge Systems. The PHIX cartridge system shall be approved for use as a point-source or in-line acid neutralization system;**

**(64) SharkBite Evopex polymer fittings meeting ASSE Standard 1061. The use of SharkBite Evopex polymer fittings shall be approved for underground burial except the fitting shall not be buried:**

- (a) Under or encased in concrete, or**
- (b) Underground beneath a building; and**

**(65) SharkBite Universal DZR brass fittings or SharkBite EvoPEX DZR brass transition fittings meeting ASSE Standard 1061. The use of these fittings shall be approved for underground burial if the fitting is:**

- (a) Wrapped with self-fusing, formaldehyde and chloride-free, fully cured silicone tape with a minimum thickness of 0.020 inches;**
- (b) Not buried under or encased in concrete; and**
- (c) Not buried underground beneath a building\**

**815 KAR 20:080 Section 1**

Section 1. The minimum size (nominal inside diameter) of traps, soil, or waste branches for a given fixture shall not be less than that established~~[given]~~ in the following table:

	Minimum Size (in inches)		
	Trap	Branch	Fixture Unit
Automatic clothes washer	2	2	2
Basement floor drain	3	3	3
Bath: sitz	1 1/2	1 1/2	2
Bathtub	1 1/2	1 1/2	1 1/2
Combination fixture	2	2	2



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Dental cuspidor	2	2	2
Dishwashers	1 1/2[up]	1 1/2[up]	1 1/2[up]
Disposal Unit	1 1/2	1 1/2	1 1/2
Drinking Fountain	1 1/4	1 1/4	1
Floor drain in toilet room	3	3	3
Floor drain in utility room	3	3	3
Industrial floor drain	4	4	4
Kitchen sink unit	1 1/2[up]	1 1/2[up]	1 1/2[up]
Laundry tray	1 1/2	1 1/2	1 1/2
Lavatories	1 1/4	1 1/4	1
Santistand	3	4	6
Shower Stall	1 1/2	1 1/2	1 1/2
Sinks: bar or soda fountain	1 1/2	1 1/2	1 1/2
Sinks: Barium	2	2	2
Sinks: Chemical	1 1/2[up]	1 1/2[up]	1 1/2[up]
Sink: Clinic	3	4	6
Sinks: Kitchen, residence	1 1/2	1 1/2	1 1/2
Sink: Plaster	2	2	2
Sink: Service	3	3	3
Sink: Service wall type	2	2	2
Sink: three compartment	2	2	2
Urinal: lip	1 1/2	1 1/2	1 1/2
Urinal: pedestal	3	3	3
Urinal: stall	2[up]	2[up]	2[up]
Urinal: trough	1 1/2	1 1/2	1 1/2
Water closet: 3.5 gallon per flush	3	3 or 4	6
1.6 gallon per flush or less	3	3 or 4	4



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**815 KAR 20:090 Sections 7 and 8**

(2) A water closet shall be on a minimum of a three (3) inch soil and waste pipe with a maximum of three (3) water closets or soil discharging fixtures per three (3) inch soil and waste pipe. Four (4) water closets with a maximum flushing rate of one and six-tenths (1.6) gallons per flush per water closet shall be allowed to discharge into a three (3) inch soil and waste pipe.

Section 8. Soil and Vent Stacks. (1) A building in which a plumbing fixture is installed shall have a soil or waste and vent stack, or stacks, extending full size through the roof.

(2) A soil or waste and vent stack shall be as direct as possible and free from sharp bends or turns.

(3) The required size of the soil or waste and vent stack shall be determined from the total fixture units connected to the stack in accordance with Section 7 of this administrative regulation except that more than:

(a) Three (3) water closets with a flush rate of three and five-tenths (3.5) gallons per flush shall not discharge into a three (3) inch stack; and

(b) Four (4) water closets with a flush rate of one and six-tenths (1.6) gallons per flush or less shall not discharge into a three (3) inch stack.

**815 KAR 20:120**

y) Push-fit fitting systems which meet the ASSE Standard 1061. Except as established in 815 KAR 20:020, these systems are approved for above-ground use only using pipe sizes up to two (2) inches; or

(z) PE-RT Piping (Polyethylene of Raised Temperature) meeting ASTM F2769

Sincerely,



David Moore  
Director  
Division of Plumbing



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